

### Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims:

1. (currently amended) An exhaust ~~Exhaust~~ gas cleaning system for an internal combustion engine with at least one catalytically active component, wherein a ~~which is designed such that its~~ catalytically active coating of the catalytically active component (1) comprises:

at least a first ~~one~~ region with a high light-off temperature ~~in combination with~~ and a high temperature resistance; (2) and

at least a second ~~one further~~ region with a low light-off temperature ~~in combination with~~ and a reduced temperature resistance relative to the first (3) ~~in comparison with the at least one region[,]; characterized in that~~ wherein,

the exhaust-gas-side surface of the catalytically active coating (1) ~~in the~~ an intake region of the at least one catalytically active component has at least a partial ~~partially a~~ diffusion layer (4) or is at least partially covered by a diffusion layer (4).

2. (currently amended) The apparatus ~~Apparatus~~ according to claim 1, wherein ~~characterized in that the at least one first region, with high light-off temperature in combination with a high temperature resistance (2) in contrast to the at least one further region with a low light-off temperature in combination with a reduced temperature resistance (3) in comparison with the at least one region~~ has a lower specific noble metal content and/or a larger noble metal particle diameter than the second region.

3. (currently amended) The apparatus ~~Apparatus~~ according to ~~one of the preceding claims~~ claim 2, wherein:

~~characterized in that~~ the cell density in the intake region of the catalytically active component is lower than in ~~a~~ the discharge region of the catalytically active component.

4. (currently amended) The apparatus ~~Apparatus~~ according to ~~one of the preceding claims~~ claim 3, wherein:

~~characterized in that~~ the intake region of the catalytically active component ~~in its intake region~~ is configured with a support material with a high specific heat capacity; and

in its discharge region, the catalytically active component has ~~with~~ a support material with low specific heat capacity.

5. (currently amended) The apparatus ~~Apparatus~~ according to ~~one of the preceding claims~~ claim 4, wherein:

~~characterized in that~~ the catalytically active component has a cone shape.

6. (currently amended) The apparatus ~~Apparatus~~ according to ~~one of the preceding claims~~ claim 5, wherein:

~~characterized in that~~ the catalytically active coating (1) is multiple layered;[,] ~~with the~~

individual layers ~~having~~ have a differing composition; ~~with~~

the ~~at least one~~ first region ~~with high light off temperature in combination with a high temperature resistance~~ (2) is oriented toward the ~~an~~ exhaust-gas side; and

~~the at least one further second region with a low light-off temperature in combination with a reduced temperature resistance (3) in comparison with the at least one region being~~ is applied on the a side away from the exhaust gas.

7. (currently amended) The apparatus ~~Apparatus~~ according to ~~one of the preceding claims~~ claim 6, wherein:

~~characterized in that the catalytically active coating (1) with at least one region with high light-off temperature in combination with a high temperature resistance (2) and with at least one further region with a low light-off temperature in combination with a reduced temperature resistance (3) in comparison with the at least one region~~ is applied in the form of a gradient;[,] .

~~with~~ predominantly the region with high light-off temperature (2) ~~being~~ is applied in the intake region of the catalytically active component; and

predominantly the ~~at least one further second region with a low light-off temperature (3) being~~ is applied in the discharge region of the catalytically active component.

8. (currently amended) The apparatus ~~Apparatus~~ according to ~~one of claims 1 through 5~~ claim 5, wherein:

~~characterized in that the catalytically active coating (1) has at least predominantly or wholly the at least one further second region with a low light-off temperature in combination with a reduced temperature resistance (3).~~